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User Manual for Mug Press

BJ 860

Multi-Functional Mug Press

(with four heating elements)

Item No: 110800 (220v) / 110801 (110v)

Name: BJ 860

Description: Multi-Functional Mug Press (includes 4 heating elements)

Certificate: CE Approved

CONGRATULATIONS!

You now own the BJ860 Multi-functional mug press - one of the latest and greatest sublimation inventions! This press not only allows you to create basic ceramic mugs, but lets you easily switch between heating elements to also personalize small and large latte mugs, water bottles, beer steins and more. In order to get the best results, it's important to read through this manual thoroughly and understand how to use this press correctly.

Use this mug press and accompanying elements to create:

11 oz mugs
15 oz mugs
12 oz latte mugs
17 oz latte mugs
water bottles
steins

Changing the Heating Element

Operation

Wait for the heating element to completely cool down before attempting to remove. Unscrew all screws surrounding the heating element. Unscrew the element plug to switch elements. Securely re-install the new element plug and all screws around the new heating element before using.

NOTES:

**The difference between "slow" and "quick" heating sublimation is the sequence of steps in the sublimation process. For slow sublimation, place the mug into the press immediately. For quick sublimation, place the mug into the press only after the press has reached the idle sublimation heating temperature.
**Even though you press the executive key before the machine reaches the idle heating temperature, it can still finish the entire process. The machine will not stop and will stay at a constant temperature, giving out a short warning sound.
**Leaving an empty mug press closed while not in use will not damage the machine, but should be avoided if possible.
**Do not attempt to put incorrectly-sized items into the mug press.

OPERATIONS STEPS:

The heating process can be divided into two sorts: Slow and Quick Heating Sublimation:

Slow Heating Sublimation

Operation

1. Use the handle to open the mug press; Place the mug inside the press with the transfer tape securely in place. Pull down the handle to close the press.
2. Adjust the pressure by loosening or tightening the screws. If the pressure is too high, the mug may break. If the pressure is too loose, the heating effect will be unbalanced resulting in an uneven transferred image.
3. Turn the power on. A red indicator light will light up.
4. Preset the corresponding temperature and timing for the mug that is going to be transferred. Please refer to the **Basic Preparation** chapter of this manual to determine the correct temperature and time. The press will require approximate 3-4 minutes to heat up to the idle temperature.
5. Press the executive key again.
6. When the temperature reaches the idle heating temperature, insert the mug.
7. When the temperature reaches the idle heating temperature, insert the mug.
8. Press the green “Play” button to start.

Pull up the handle, take out the mug and remove the sublimation paper as soon as possible.

9. To prevent bleeding or “ghosting” of the sublimation image, rinse the mug with lukewarm water.

Quick Heating Sublimation

Operation

1. Turn on the power on. A red indicator light will light up.
2. Adjust the pressure by loosening or tightening the screws.
3. Preset the corresponding temperature and timing for the mug that is going to be transferred. Please refer to the **Basic Preparation** chapter of this manual to determine the correct temperature and time. The press will require approximate 3-4 minutes to heat up to the idle temperature.
4. When the temperature reaches the idle heating temperature, insert the mug.
5. Insert the mug and close the handle to the mug press.
6. Press the green “Play” button to start
7. When the machine has completed the pressing cycle, a buzzer will alert you to remove the mug.

Pull up the handle, take out the mug and remove the sublimation paper as soon as possible.

8. To prevent bleeding or “ghosting” of the sublimation image, rinse the mug with lukewarm water.

In order to imprint onto a mug using sublimation, the mug must have a polymer coating. The sublimation transfer must be placed directly on top of the mug and secured using thermal tape. Once inside the mug press, the mug will be heated to a temperature that will allow the sublimation ink to turn into a gas and penetrate the open pores of the mug’s polymer coating. Once removed from the mug press and cooled, the pores of the mug will close and the image will be permanently imprinted onto the mug.

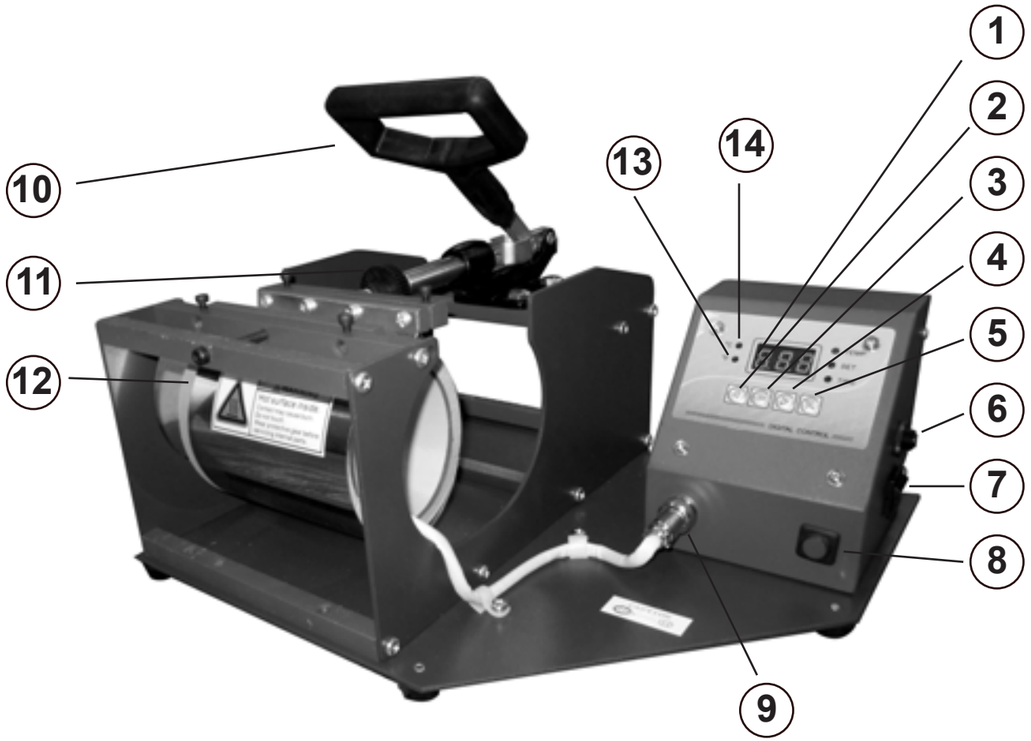
CHARACTERISTICS

- Four heating elements are includes for latte/flared mugs and straight-bodied mugs:
  - Straight sizes include 6 ounces - 15 ounces
  - Latte/Flared sizes include 12 ounces to 17 ounces
- Digital readout of temperature and time
- Small, light-weight and fashionable
- Digital LCD board is easy to read and control accurately which makes it more convenient for adjustment.
- Time setting for easy control of temperature.
- Heat preservation to shorten the time for next-time warming up.
- Turn machine off when not in use.

TECHNICAL PARAMETERS

Rated Input Voltage:	220V	220-230Volt ampere, 50/60 HZ Max
Rated Input Voltage:	110V	110-120Volt ampere, 60 HZ Max
Rated Input Power:		350 W
Range of temperature:		0-430 °F
Range of time control:		0-999 seconds
Range of initiative temperature setting:		200-430 °F
Range of the highest temperature setting:		200-430 °F
Heater Specification:		One 11oz. Heater, 243x115mm One 10oz. Heater, 206x115mm One 12oz. Latte Heater One 17oz. Latte Heater
Packing Dimensions:		41x38x30 cm
Weight:		12 kg
Volume:		0.0467 M3

COMPONENTS AND FUNCTIONS



1. Digital Display
2. Minus Button
3. Mode Button
4. Plus Button
5. F ° / C ° Button
6. Fuse
7. Power Button
8. Play Button
9. Accessory Interface
10. Pressure Handle
11. Pressure Adjustment
12. Silicone Mug Wrap
13. F ° Indicator Light
14. C ° Indicator Light

BASIC PREPARATION BEFORE USING

1. Plug the three-core power line into an outlet and verify that the power supply conforms to the rated voltage of the machine. There should be a reliable protective ground wire for the top core.

2. Before heating the press, place the mug inside and close the handle. Rotate the adjusting screw to get the proper pressure.

3. Turn the power on. The instrument board will display the current temperature in red.

4. Set the temperature and time according to the chart below. There are two kinds of temperature and time settings for different mug processing.

Situation	Pressing Time	Idle Temperature	Pressing Temperature	Remark
Individual Mug Processing	**40s**	**230 °F**	**330 °F**	After the first one is finished individually, set the hold temperature and timing and begin batch processing.
Batch Mug Processing	**75s**	**310 °F**	**330 °F**	

5. How to set the temperature and timing on the digital board:
   a.) Press the **MODE** key once; the middle interactive light will turn red. Press the **PLUS** or **MINUS** key to set the **idle heating temperature;**
   b.) Press the **MODE** key again; the first and second lights will turn red. Press the **PLUS** or **MINUS** key to set the **pressing temperature**.
   c.) Press the **MODE** key for the third time; the second and third lights will turn red. Press the **PLUS** or **MINUS** key to set the **pressing time.**
   d.) Press the **MODE** key for the fourth time; all three lights will turn off. The machine should now show the live temperature. Once it reaches its idle temperature, the machine will beep continuously
   e.) The idle temperature should be set between 200°F - 380°F; the pressing temperature should be set between 200°F - 430°F; the timing should be set between 0-999 seconds.

Note: The machine will read the present set temperature and, afterwards set the most proper temperature automatically. When turned on for the first time, the press will display the idle temperature 340°F, and the pressing temperature as 430°F. If the highest temperature is set 250° F, the idle temperature will be turned to 200-250°F.